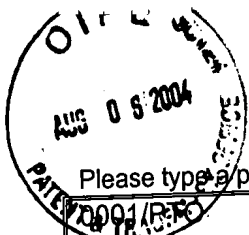




PTO/SB/17 (8/96)		COMPLETE IF KNOWN																																																																																																																																																																																																	
FEE TRANSMITTAL		Application Number		10/075,036																																																																																																																																																																																															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date		February 12, 2002																																																																																																																																																																																															
		First Named Inventor		Aleksy Yezerts et al.																																																																																																																																																																																															
		Group Art Unit		3748																																																																																																																																																																																															
		Examiner Name		Dien T. Tran																																																																																																																																																																																															
Total Amount of Payment (\$)		Attorney Docket Number		4695-00010																																																																																																																																																																																															
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 01.2000 Account Name: Andrus, Sceales, Starke & Sawall, LLP <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> The Commissioner is hereby authorized to charge the issue fee and any additional fees required under 37 C.F.R. 1.18 to the above Deposit Account.. A duplicate copy hereof is enclosed.		<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for examination</td><td></td></tr><tr><td>1804</td><td>920</td><td>1804</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840</td><td>1805</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for response within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for response within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for response within fourth month</td><td></td></tr><tr><td>1255</td><td>2010</td><td>2255</td><td>1005</td><td>Extension for response within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclos. Stmt.</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.29(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="4">Other fee (specify)</td><td colspan="2"></td></tr><tr><td colspan="4" style="text-align: right;">* Reduced by Basic Filing Fee Paid</td><td colspan="2">SUBTOTAL (3)</td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for examination		1804	920	1804	920	Requesting publication of SIR prior to Examiner action		1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for response within first month		1252	420	2252	210	Extension for response within second month		1253	950	2253	475	Extension for response within third month		1254	1,480	2254	740	Extension for response within fourth month		1255	2010	2255	1005	Extension for response within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive unavoidably abandoned application		1453	1,330	2453	665	Petition to revive unintentionally abandoned application		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclos. Stmt.		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.29(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)						* Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	
Large Entity						Small Entity		Fee Description	Fee Paid																																																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																															
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																															
1053	130	1053	130	Non-English specification																																																																																																																																																																																															
1812	2,520	1812	2,520	For filing a request for examination																																																																																																																																																																																															
1804	920	1804	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																															
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																															
1251	110	2251	55	Extension for response within first month																																																																																																																																																																																															
1252	420	2252	210	Extension for response within second month																																																																																																																																																																																															
1253	950	2253	475	Extension for response within third month																																																																																																																																																																																															
1254	1,480	2254	740	Extension for response within fourth month																																																																																																																																																																																															
1255	2010	2255	1005	Extension for response within fifth month																																																																																																																																																																																															
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																															
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																															
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																															
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																															
1452	110	2452	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																															
1453	1,330	2453	665	Petition to revive unintentionally abandoned application																																																																																																																																																																																															
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																															
1502	480	2502	240	Design issue fee																																																																																																																																																																																															
1503	640	2503	320	Plant issue fee																																																																																																																																																																																															
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																															
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																															
1806	180	1806	180	Submission of Information Disclos. Stmt.																																																																																																																																																																																															
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																															
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.29(a))																																																																																																																																																																																															
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																															
1801	770	2801	385	Request for continued Examination (RCE)																																																																																																																																																																																															
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																															
Other fee (specify)																																																																																																																																																																																																			
* Reduced by Basic Filing Fee Paid				SUBTOTAL (3)																																																																																																																																																																																															
FEE CALCULATION (fees effective 10/01/96)																																																																																																																																																																																																			
1. FILING FEE																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>(\$)</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					(\$)																																																																																																																																																				
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																
1001	770	2001	385	Utility filing fee																																																																																																																																																																																															
1002	340	2002	170	Design filing fee																																																																																																																																																																																															
1003	530	2003	265	Plant filing fee																																																																																																																																																																																															
1004	770	2004	385	Reissue filing fee																																																																																																																																																																																															
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																															
SUBTOTAL (1)					(\$)																																																																																																																																																																																														
2. CLAIMS																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Total claims</th><th>Extra</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>2 - 37 =</td><td>X</td><td></td><td></td></tr><tr><td>1 - 6 =</td><td>X</td><td></td><td></td></tr><tr><td colspan="4">Multiple Dependent Claims: X =</td></tr></tbody></table>		Total claims	Extra	Fee from below	Fee Paid	2 - 37 =	X			1 - 6 =	X			Multiple Dependent Claims: X =																																																																																																																																																																																					
Total claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																
2 - 37 =	X																																																																																																																																																																																																		
1 - 6 =	X																																																																																																																																																																																																		
Multiple Dependent Claims: X =																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>86</td><td>2001</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2003</td><td>145</td><td>Multiple dependent claim</td><td></td></tr><tr><td>1204</td><td>86</td><td>2004</td><td>43</td><td>Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td><td>(\$)</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2001	43	Independent claims in excess of 3		1203	290	2003	145	Multiple dependent claim		1204	86	2004	43	Reissue independent claims over original patent		1205	18	2205	9	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$)																																																																																																																																																				
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																															
1201	86	2001	43	Independent claims in excess of 3																																																																																																																																																																																															
1203	290	2003	145	Multiple dependent claim																																																																																																																																																																																															
1204	86	2004	43	Reissue independent claims over original patent																																																																																																																																																																																															
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																															
SUBTOTAL (2)					(\$)																																																																																																																																																																																														
SUBMITTED BY																																																																																																																																																																																																			
Name (Print/Type)	Michael E. Taken	Registration No.	28,120	Telephone	(414) 271-7590																																																																																																																																																																																														
Signature	<i>Michael E. Taken</i>	Date	8/2/04																																																																																																																																																																																																



Please type a plus sign (+) inside this box [+]

Patent and Trademark Office: U.S. Department of Commerce

0001/PTO
Rev. 10/95

U.S. Department of Commerce
Patent and Trademark Office

Application Number	10/075,036
Filing Date	February 12, 2002
First Named Inventor	Aleksey Yezerts et al.
Group Art Unit	3748
Examiner Name	Diem T. Tran
Attorney Docket Number	4695-00010

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of pages in this Submission 5+

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☐ Fee Attached
- ☒ Amendment/Response
 - ☐ After final
 - ☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement/PTO-1449

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/
☐ Incomplete Application

☐ Response to Missing Parts
Under 37 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert a
Provisional Application

☐ Power of Attorney,
Revocation, Change of
Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication
To Technology Group

☐ Appeal Communication to Board
Of Appeals and Interferences

☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☐ Other Enclosure(s) (please
identify below)

☒ RETURN RECEIPT
POSTCARD

☐ _____

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Michael E. Taken (Reg. No. 28,120) ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	<i>Michael E. Taken</i>
Date	8/2/04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Mail Stop: Amendment-Fee, P.O. Box 1450, Alexandria, VA 22313-1450 on the 3rd day of August, 2004.

Typed or printed name Jo Ann Kuczynski

Date 8-3-04



3748

JSW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/075,036
Applicant : Aleksey Yezerts et al.
Filed : February 12, 2002
Title : Exhaust Aftertreatment
Emission Control
Regeneration

TC/A.U. : 3748
Examiner : Diem T. Tran

Docket No. : 4685099919

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 3rd day of August, 2004.

Jo Ann Kuczynski 8-3-04
Jo Ann Kuczynski Date

AMENDMENT

Commissioner of Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

Responsive to the Office Action mailed May 4, 2004, please amend the above identified application as set forth on the following pages.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper. Claims 1-29 have been canceled. Claims 30 and 31 are newly added. The amendment leaves claims 30, 31 pending.

Remarks/Arguments begin on page 4 of this paper.